

Appl. No. 10/787,296
Reply to Office Action of May 4, 2007

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REMARKS/ARGUMENTS

Claim Amendments

Claim 1 has been amended to recite that "the first location information is determined independently from the second location information, and the second location information is determined independently from the first location information". This amendment is for clarity purposes only. The scope of claim 1 as amended is identical to the scope of claim 1 as it was amended on February 9, 2007. A discussion concerning support for the amendment of February 9, 2007 is provided below.

Support for Amendment

The Examiner objects to the amendment filed on February 9, 2007 contending that it introduces new matter into the disclosure. Applicant respectfully disagrees with the Examiner for reasons detailed below.

Applicant submits that the description as originally filed provides support for the first location information being determined independently from the second location information, and for the second location information being determined independently from the first location information. The Examiner's attention is directed at Figure 5 together with its accompanying description on page 13, line 30 through page 16, line 29. Note that the system 200 includes a dispatch network 210 and an interconnect network 310. With respect to the interconnect network 310, the description teaches that "The MSC 330 accesses the VLR 320 to obtain the location area identifier (LAI) of the location area in which the mobile device 500 was last located" on page 14, lines 5-7. With respect to the dispatch network 210, the description teaches that "The DAP 230 accesses the D-VLR 220 to obtain the dispatch area identifier (DAI) of the dispatch location area (DLA) in which the mobile device 500 was last located" on page 14, lines 15-17. Note that the VLR 320 of the interconnect network 310 is separate and different from the D-VLR 220 of the dispatch network 210. They are described as being separate and different, and they are drawn as being separate and different in Figure 5. Therefore, Applicant submits that it is clear that the location information from the VLR 320 and the location information from

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the D-VLR 220 are separate and different. They are not derived from one another, nor are they mappings of one another. Rather, they are independent information sources. Accordingly, the first location information (e.g. from the D-VLR 220) is determined independently from the second location information (e.g. from the VLR 320). Conversely, the second location information (e.g. from the VLR 320) is determined independently from the first location information (e.g. from the VLR 220).

The description goes on to teach that "The intersection area is made up of the cells which are present both in the DLA identified by the DAI and the LA identified by the LAI." on page 14, lines 23-25. The present application goes on to teach that "Paging is carried out through MPS 240 and DACS 450 over various EBTSS of the cells of the intersection" on page 14, lines 29-30. It is respectfully submitted that it is useful to consider the intersection between a first area defined by first location information (e.g. from D-VLR 200) and a second area defined by a second location information (e.g. from VLR 320) because the first and second location information are independent information sources. If the first and second location information were derived from one another or were mappings of one another, then there would be no point in considering the intersection between the two areas. The fact that the present application explicitly considers the intersection between a first area defined by first location information (e.g. from D-VLR 200) and a second area defined by a second location information (e.g. from VLR 320) suggests that the first location information and the second location information are independent information sources.

In view of the foregoing, it is respectfully submitted that the description as originally filed fully supports the amendments submitted on February 9, 2007. The Examiner is respectfully requested to reconsider and withdraw the objection under 35 U.S.C. 132(a).

Claim Rejections – 35 U.S.C. 102

The Examiner rejects claims 1, 3-9, 11-15 and 19-22 under 35 U.S.C. 102(e) as being anticipated by United States Patent No. 6,560,457 ("Silver"). Applicant notes that the Examiner's rejection of the claims has been maintained on the basis of the Examiner's contention that the previous amendment filed on February 9, 2007 is not supported. Seeing as

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though the amendment filed on February 9, 2007 is supported, the Examiner is respectfully requested to reconsider and withdraw the rejection of claims 1, 3-9, 11-15 and 19-22 under 35 U.S.C. 102(e) on the basis of the remarks that have been previously provided.

Claim Rejection – 35 U.S.C. 103


The Examiner rejects claims 2, 8, 10 and 16 under 35 U.S.C. 103(a). Applicant notes that the Examiner's rejection of the claims has been maintained on the basis of the Examiner's contention that the previous amendment filed on February 9, 2007 is not supported. Seeing as though the amendment filed on February 9, 2007 is supported, the Examiner is respectfully requested to reconsider and withdraw the rejection of claims 2, 8, 10 and 16 under 35 U.S.C. 103(a) on the basis of the remarks that have been previously provided.

In view of the foregoing, early favorable consideration of this application is earnestly solicited.

Respectfully submitted,

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